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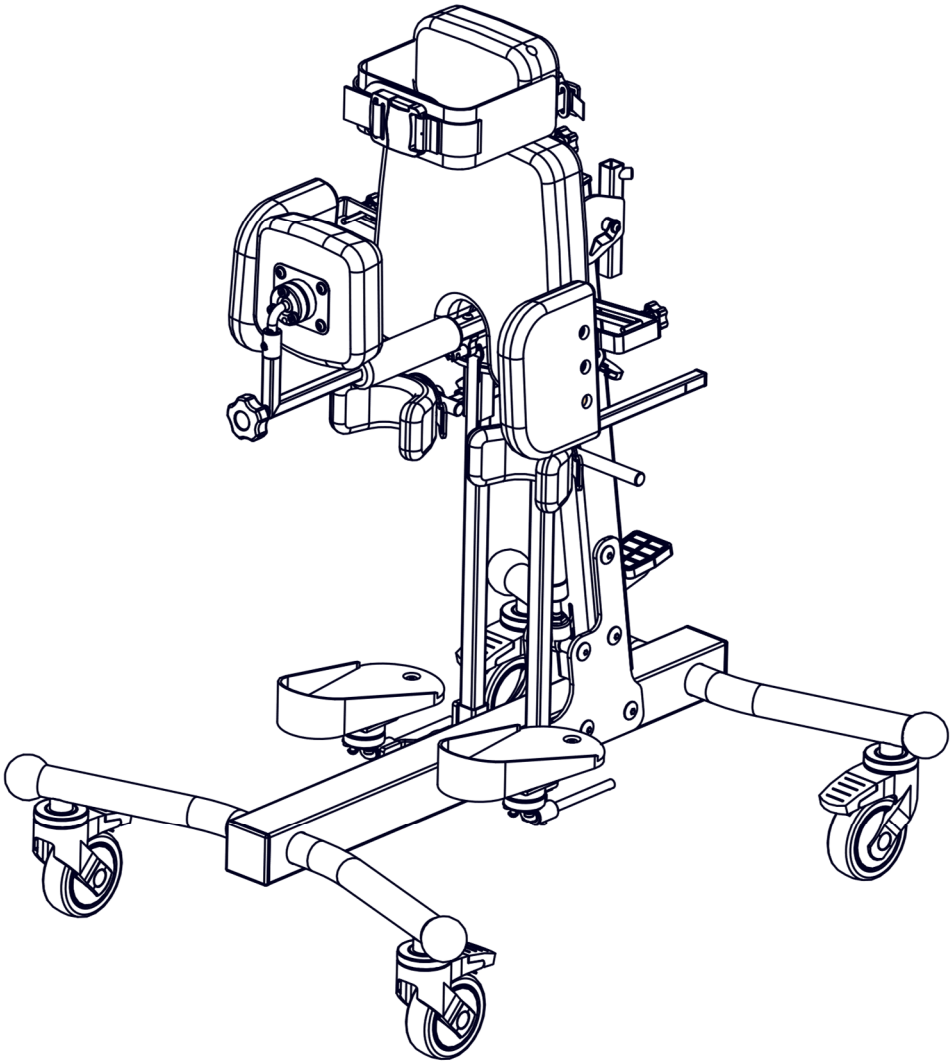
INSTRUCTIONS FOR USE

COCO Stander



Sizes 1, 2, 3

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Revision 6 - 08-05-2025

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ATTENTION! THIS PRODUCT CAN ONLY BE USED INDOORS.

ATTENTION! THERE IS A POSSIBLE RISK THAT A PART OF THE USER'S / AN ACCOMPANYING PERSON'S BODY MAY BE ENTRAPPED AND/OR SQUEEZED IN THE HOLES / GAPS BETWEEN INDIVIDUAL ELEMENTS WHEN USING THE PRODUCT, AS WELL AS WHEN ASSEMBLING AND ADJUSTING MECHANISMS OF THE PRODUCT. THESE PARTICULAR PROCEDURES SHOULD BE PERFORMED WITH PECULIAR CAUTION. WHEN ALL THE ADJUSTMENTS HAVE BEEN PERFORMED, IT IS CRUCIAL TO STABILISE THE POSITION BY PROPERLY TURNING THE NUTS / SCREWS.

ATTENTION! IF POSSIBLE, THE PACKAGING OF THE PRODUCT SHOULD BE MAINTAINED IN CASE WHEN IT WOULD PROVE NECESSARY TO SHIP THE PRODUCT WITHIN THE SCOPE OF WARRANTY REPAIR.

ATTENTION! THE CHILD CANNOT USE THE DEVICE WITHOUT SUPERVISION.

ATTENTION! IT IS FORBIDDEN TO EXCEED THE MAXIMUM LOAD OF THE STANDER.

ATTENTION! DO NOT USE THE STANDER IN CASE WHEN THE PRODUCT HAS DEFECTIVE, DAMAGED OR MISSING COMPONENTS.

ATTENTION! ADJUSTMENT AND REGULATION OF THE DEVICE TO MEET THE REQUIREMENTS OF AN INDIVIDUAL PATIENT MUST BE PERFORMED BY A PHYSIOTHERAPY SPECIALIST OR A TRAINED PERSON.

ATTENTION! THE DEVICE CONTAINS SMALL PARTS THAT MAY POSE A RISK OF CHOKING OR SWALLOWING BY A CHILD.

ATTENTION! IN THE EVENT OF A SERIOUS MEDICAL INCIDENT, THE USER/PATIENT SHOULD REPORT THE INCIDENT TO THE NATIONAL COMPETENT AUTHORITIES AND TO THE MANUFACTURER IMMEDIATELY.

ATTENTION! IT IS CRUCIAL TO CAREFULLY READ THE INSTRUCTIONS FOR USE BEFORE USING THE DEVICE AND KEEP IT TILL END OF USE.

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1 Introduction

The **COCO Stander** elaborated by LIW Care Technology Sp. z o.o. has been designed and patented to ensure an entirely new quality in rehabilitation.

We have used our best efforts to make sure that the COCO Stander is easy to use and user-friendly. It is crucial to read the user manual carefully prior to using the product. Following all instructions and recommendations stated in this user manual will allow you to avoid any situations, which could possibly damage the device, and you will also ensure a complete safety and comfort of use throughout the whole period of using the product.

You will be able to fully use all the advantages offered by the product only when the product is properly adjusted to the parameters of the patient's body and the unique requirements of the patient.

2 General safety conditions

The biggest concern of LIW Care Technology Sp. z o.o. is to ensure safety for the patients using our devices. In order to provide complete safety of people using the device it is essential to strictly follow the recommendations stated below:

1. Before undertaking any attempts related with using the device, please read the user manual thoroughly and in case of any doubts, do not hesitate to contact the seller or the manufacturer.
2. Please make sure that all the information, recommendations and warning included in these chapter are fully comprehensible.
3. Do not leave the user in the device without caregiver supervision.
4. If the patient is in the uprightizer, make sure he/she is properly secured with belts and a vest.
5. the COCO upright is intended for use by one person at a time.
6. Failure to use the uprightizer in accordance with these instructions may be hazardous to health and cause injury to the user.
7. It is forbidden to transport the patient in the device while driving a car, i.e. the device is not a car seat. The patient is not allowed to stay in the device while driving.
8. It is forbidden to ride up and down stairs both with and without the patient.
9. It is forbidden to carry the upright with the patient in the device.

User manual attached to devices manufactured by LIW Care Technology Sp. z o.o. holds a paragraph marked with a word **Attention!** , which aims to emphasise the content of the given paragraph. The significance of the symbol, of which mention has been made above is as follows:

ATTENTION! THIS PARTICULAR SYMBOL IS USED TO STRONGLY EMPHASISE THE FOCUS OF THE READER ON THE WORDING MARKED WITH THIS SYMBOL. NON-COMPLIANCE WITH THE CONTENT PROVIDED IN THE PARAGRAPH MARKED WITH THIS SYMBOL MAY ENDANGER THE LIFE OR HEALTH OF THE USER.

3 Indications for using the device

COCO Stander can be used in people with faulty posture and muscle dysfunction. It is a perfect solution for children suffering from cerebral palsy, muscular dystrophy, in various types of paralyses, tetraplegias and paraplegias, as well as in children with incorrect posture. This device may also be used for therapeutic and prophylactic reasons, as it can prevent inevitable consequences resulting from paediatric diseases (incorrect posture and an improper functioning of the organism related with the above).

The stander is most often used in the following diseases:

- cerebral palsy,
- genetic syndromes,
- metabolic syndromes,
- muscular dystrophies,
- spinal muscular atrophy – SMA,
- paralysis of various origins,
- spina bifida,
- myelomeningocele,
- conditions after spinal injuries,
- conditions after craniocerebral injuries,
- conditions after strokes,
- posture defects,
- spinal scoliosis.

Indications:

- improvement of cardiovascular function,
- prevention and treatment of venous stasis,
- improving lung ventilation and preventing pneumonia,
- prevention of pulmonary embolism,
- prevention and treatment of osteoporosis,
- prevention and treatment of stasis in the urinary tract,
- improvement of intestinal peristalsis,
- improvement of mental state,
- prevention of muscle atrophy,
- prevention and treatment of contractures,
- slowing the progression and preventing subluxation of the hip joint,
- preventing and slowing down the progression of scoliosis in children and adolescents with lost gait function.

Implementation of the device in rehabilitation process increases the chances of recovery.

Contraindications to the use of the LORI Stander coincide with contraindications to standing upright. These include:

- atypical adverse reaction to upright positioning,
- inflammation of joints of various origins,
- post-traumatic conditions after fractures of long bones with incomplete union,
- conditions after dislocation and other injuries of the joints of KKD,
- large contracture in the knee joint (see description below),
- increased body temperature,
- a large deformity around the feet, which prevents the patient from being properly loaded.

If there is a contraindication to the patient's upright position, then the selection and adjustment of the device should be consulted with the attending physician or physiotherapists.

4 Nameplate

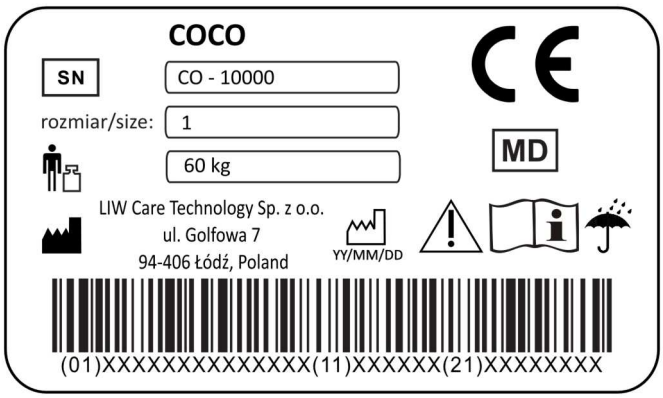
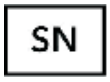


Fig. 1

5 Identification of symbols

Name of the manufacturer

Production date



Serial number

Permitted user's weight

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Avoid contact with water

Follow the instructions for use

The arrow indicates the discussed element

Arrows indicating the direction of movement

Mark of conformity according to the Regulation 2017/745 of the European Parliament and of the Council (EU) dated from April 5th, 2017 on medical devices, Annex V.

Medical device

6 Compliance with requirements concerning medical devices

Hereby we confirm that the COCO Stander meets requirements of the Regulation of the European Parliament and of the Council (EU) 2017/745 dated from April 5th, 2017 on medical devices.

COCO Stander in accordance with Annex VIII of the Regulation of the European Parliament and of the Council (EU) 2017/745 dated from April 5th, 2017 on medical devices is a non-invasive, active class I medical device according to the rule 1.

Conformity declaration of the device can be obtained in the Commercial Department of the manufacturer.

ATTENTION! In case of introducing any modifications to the device, using non-original spare parts or utilizing with products provided by another manufacturer, the CE marking has to be removed.

7 Application

Verticalization should begin at around 10 months of age. The ability of one person handling the patient to perform verticalization is important, as it facilitates the frequency of the procedure, thereby affecting the effectiveness of therapy. This is related to the gradual preparation of the cardiovascular system to work under changed conditions. Verticalization develops the work of the circulatory, respiratory, skeletal, muscular, excretory, digestive and nervous systems. This is particularly important because it affects the development of the aforementioned systems during the growth phase and prevents the development of many such disorders as:

- inhibition of the normal development of the skeletal and muscular systems,
- osteoporosis,
- lack of proprioceptive signaling (failure to build deep sensation)
- inadequate ventilation of the lungs,
- phlegm retention,
- greater susceptibility to respiratory infections,
- constipation,
- abnormalities of the urinary system,
- slowing of the rehabilitation process,
- the occurrence of contractures in the hip and lower limb joints.

Verticalization allows to prepare the patient, especially after a prolonged stay in a lying position for walking, free locomotion. It is one of the stages of the rehabilitation process, and Verticalization facilitate the process. They build cognitive function and facilitate the guidance and education of the aforementioned group of patients. They improve the livelihood of patients who are not prognostic about obtaining an upright position on their own. They act prophylactically when the use of other orthopedic supplies is ruled out.

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8 Technical data

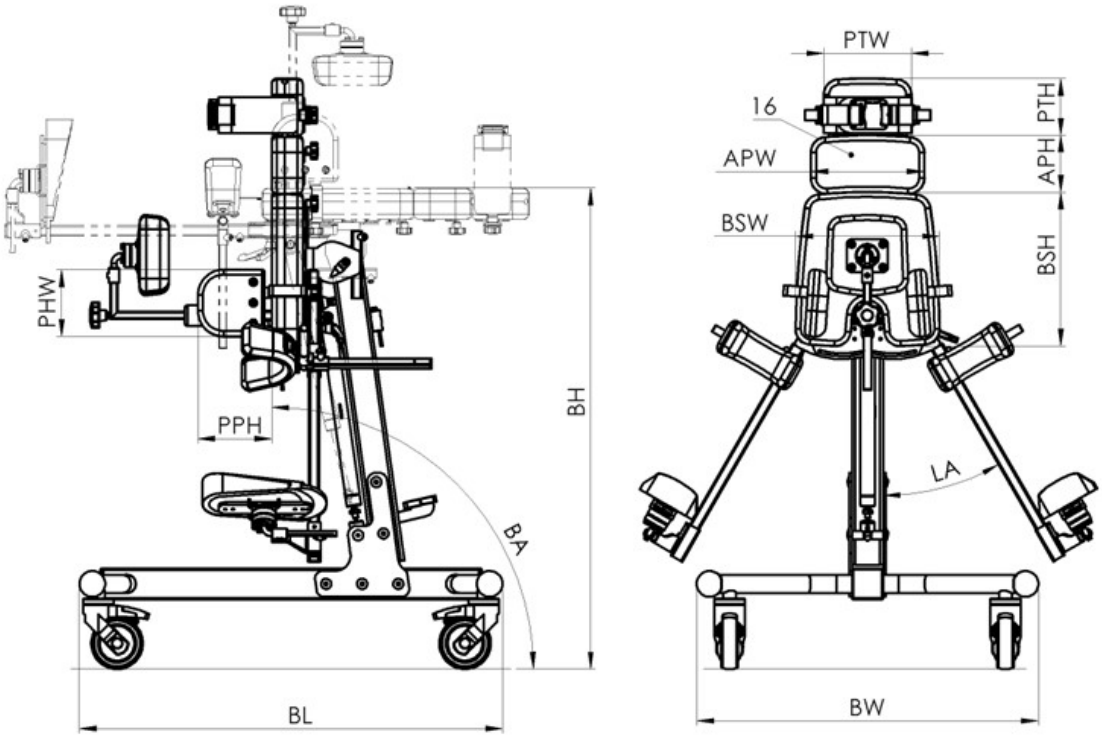

Fig. 2

No.	Dimension name	Symbol	Size					
			1		2		3	
			metric	imperial	metric	imperial	metric	imperial
1	Base width	BW	66 cm	26 in	66 cm	26 in	66 cm	26 in
2	Base length	BL	82 cm	32,3 in	82 cm	32,3 in	82 cm	32,3 in
3	Platform height	BH	93 cm	36,6 in	93 cm	36,6 in	93 cm	36,6 in
4	Pivot angle range	BA	90° ÷ -15°	90° ÷ -15°	90° ÷ -15°	90° ÷ -15°	90° ÷ -15°	90° ÷ -15°
5	Abduction angle	LA	0° ÷ 30°	0° ÷ 30°	0° ÷ 30°	0° ÷ 30°	0° ÷ 30°	0° ÷ 30°
6	Main trunk support height	BSH	30 cm	12 in	38 cm	15 in	43.5 cm	17,1 in
7	Main trunk support width	BSW	28 cm	11 in	32.5 cm	13 in	38 cm	15 in
8	Trunk support height	PTH	11 cm	4,3 in	11 cm	4,3 in	11 cm	4,3 in
9	Trunk support width	PTW	17 cm	6,7 in	22 cm	8,7 in	27 cm	10,6 in
10	Extra trunk support height	APH	11 cm	4,3 in	11 cm	4,3 in	11 cm	4,3 in
11	Extra trunk support width	APW	22 cm	8,7 in	27 cm	10,6 in	31.5 cm	12,5 in
12	Hip support height	PHH	13 cm	5,1 in	13 cm	5,1 in	13 cm	5,1 in
13	Hip support width	PHW	13 cm	5,1 in	18 cm	7,1 in	18 cm	7,1 in
14	Maximum user's weight		60 kg	27,3 lbs	60 kg	27,3 lbs	60 kg	27,3 lbs
15	Total standing frame's weight		38.5 kg	17,5 lbs	39 kg	17,7 lbs	40 kg	18,2 lbs
16	Extra trunk support – max 2 units per stander							

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9 Basic design of the COCO Stander

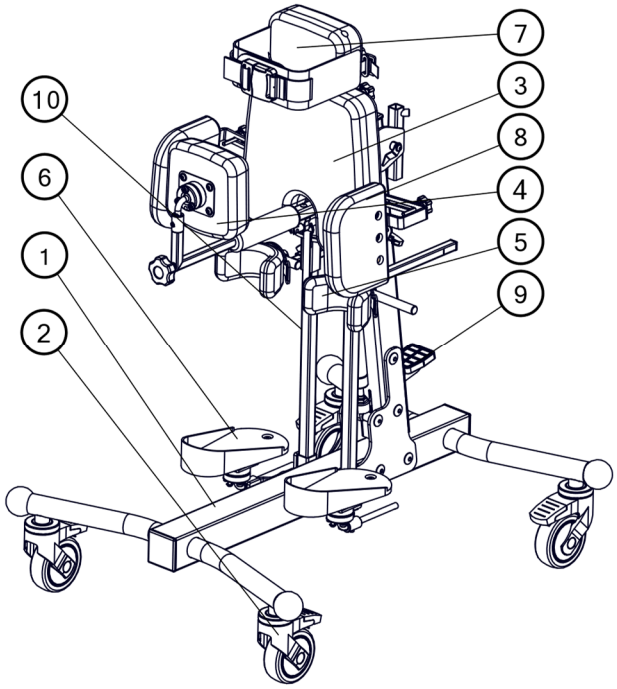

Fig. 3

1. Standing frame
2. Wheels
3. Main trunk support
4. Back support
5. Knee support
6. Foot platform
7. Extra support
8. Hip support
9. Supine position releasing handle
10. Abduction regulator

10 Detailed description of the design and regulation of the COCO Stander

ATTENTION! After each adjusting procedure, it is crucial to make sure that all regulated elements are properly mounted and secured.

10.1 Getting ready for exploatation

The upright is delivered pre-packaged assembled, ready for adjustment and installation of accessories under the patient's requirements.

The device is equipped with a 4mm Allen wrench in a special holder on the column. With this wrench it is possible to make all adjustments and settings.

10.2 Getting ready for use

Before using the upright, you should:
- check that the wheel lock mechanism works properly, see 10.3
- check that the uprighting mechanisms work properly, see 10.7
- make adjustments and adjustments of the equipment components,
- check the condition of the upholstery.

10.3 Wheels

The standing frame of the stander is equipped with a set of wheels enabling transporting of the device indoors. In order to ensure safety of the patient, each of these wheels is equipped with breaks blocking the movement of the wheel. Due to safety reasons the wheels should be blocked when using and regulating the device. When transporting the device, it is crucial to be particularly careful when moving through door thresholds or other obstacles.

In order to block the brake of a wheel (Fig. 4) (1), push the handle of the break (2) down. In order to unblock the break, pull the same handle upwards.

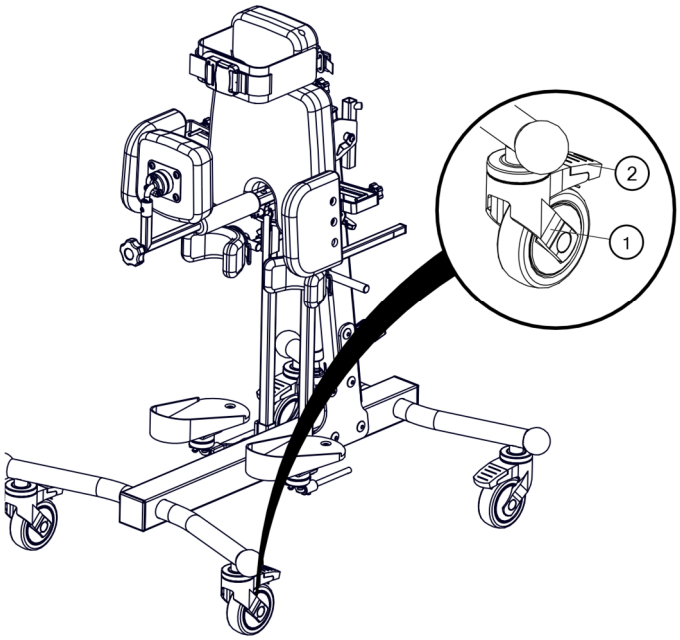

Fig. 4

10.4 Main trunk support

Main trunk support (Fig. 5) constitutes the basic support of the patient. In order to perfectly adjust the device to the patient's body, it is essential to adjust the location of the extra support, back support and hip support.

10.4.1 Regulation of the extra support

The extra support added to the main trunk support (Fig. 5) enables adjusting the length of the head support to the required dimension. In order to regulate the position of the extra support (1), undo the knobs (2) and then set the required height. When the extra support is in a proper position, tighten the knobs (2) in order to block the possibility of any movement of the extra support.

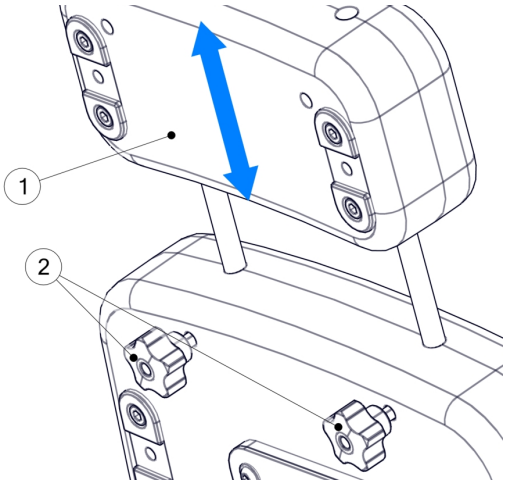

Fig. 5

10.4.2 Regulation of the back support

Before placing the patient in the device, it is essential to disassemble the back support (Fig. 6). In order to do so, undo the knob (1) and remove the back support. The next step is to fold the blockade of the back support bracket (2) and take it out of the clamp (3) by pulling it away with the belt (4).

ATTENTION! Pay particular attention and verify that the blockade of the back support bracket is properly seated in the clamp. Imprecise placement of the blockade in the clamp may result in autonomous release of the blockade, which in consequence may cause folding of the back support and hence the loss of stability by the patient. This may cause serious harm to the patient.

ATTENTION! When adjusting, taking out or blocking the bracket of the back support, be particularly aware of the risk and pay particular attention to the fact that hands may be trapped by the moving components.

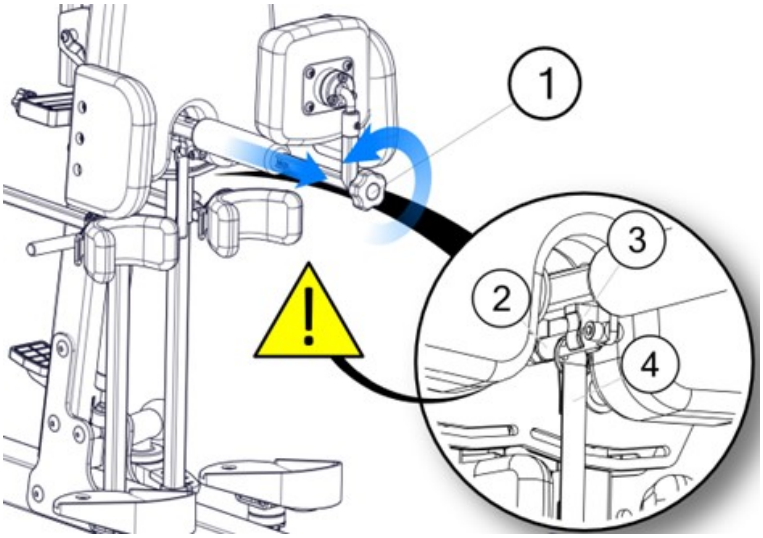

Fig. 6

After placing the patient in the device we put the back support bracket and secure it. Back support enables accurate regulation within all planes. Back support adjustment is shown in (Fig. 7). After setting the depth of back support, tighten the knob (1) and hence block the possibility to remove the back support. Maximum possible distance of the depth is marked with the "MAX" mark. The height of the attachment is regulated by undoing the screw (2). After setting the height of the back

support, we block it by tightening the screw (2) until resistance. Accurate adjustment of the position of the back support cushion can be obtained by loosening the screws (3), and then by adjusting the back support and finally retightening the screw (3).

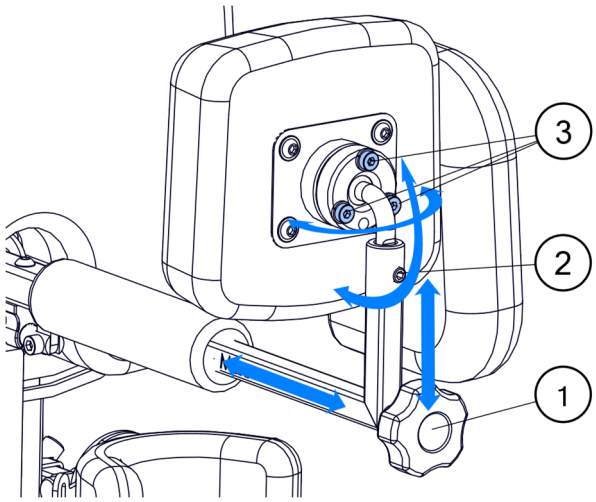

Fig. 7

The back support (Fig. 8) is also equipped with an additional height adjustment. To set the back support lower, unscrew the screws (1) and then fix the handle in the holes (2).

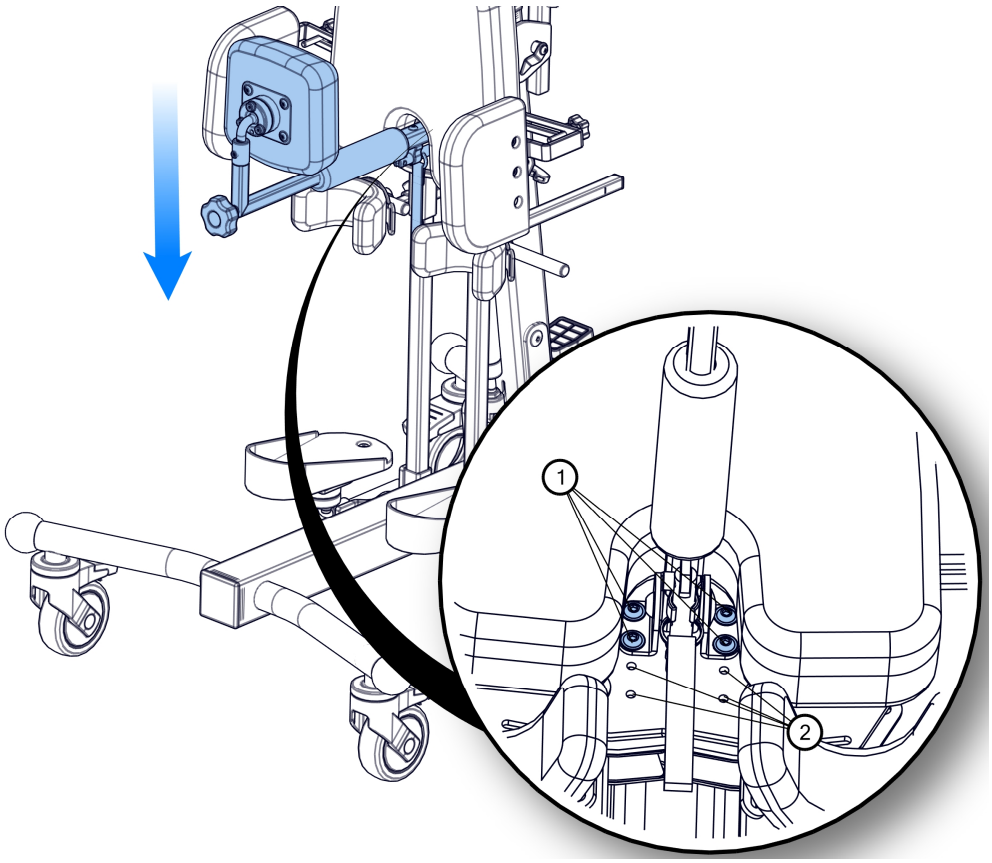

Fig. 8

10.4.3 Regulation of the hip support.

Hip support (Fig. 9) ensure proper stabilisation of the patient. Regulation of the hip support location is possible both as far as width and height is concerned. Hip supports are assembled independently, and this allows to adjust each hip support individually. In order to set the height of the hip support (1) undo the knob (2) and then select one of the slots in the guiding

profile (3). After setting the hip support inside the slot in the profile, tighten the knob (2) and hence attach the hip support to the guiding profile.

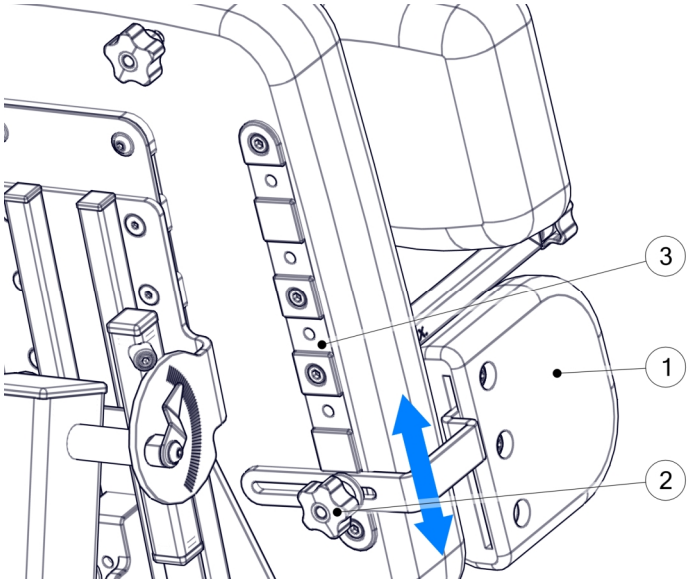

Fig. 9

Adjustment focusing on the width of the hip support (Fig. 10) is performed by loosening the knob (2) (there is no need to entirely undo the knob), and the second step comes down to setting the location of the hip support (1) and retightening the knob (2).

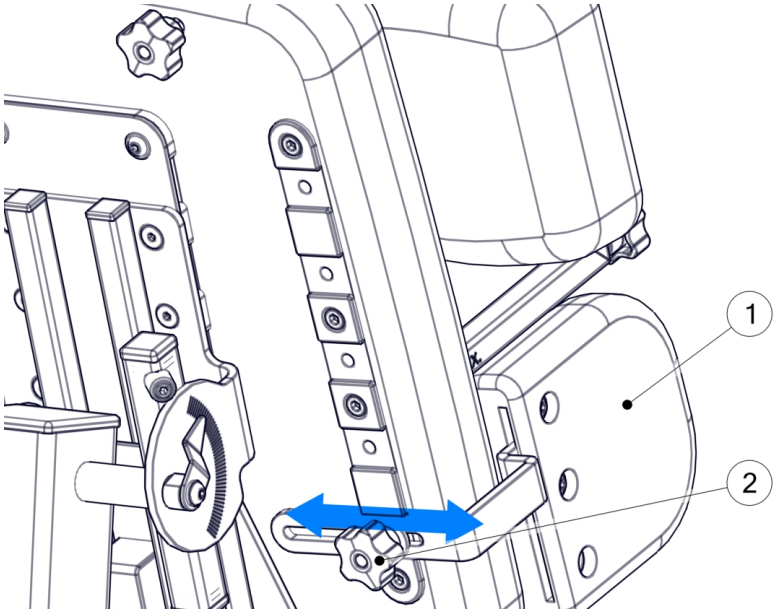

Fig. 10

Additional regulation (Fig. 11) of the hip support. Construction of the hip support enables an additional height regulation within the scope of mounting in one slot of the guiding rail (2). In order to implement this adjustment, it is essential to unscrew all screws (3) and then move the hip support into the second slot taking advantage of the remaining assembly holes in the hip support. After moving the hip support, tighten the screws (3) in the new location.

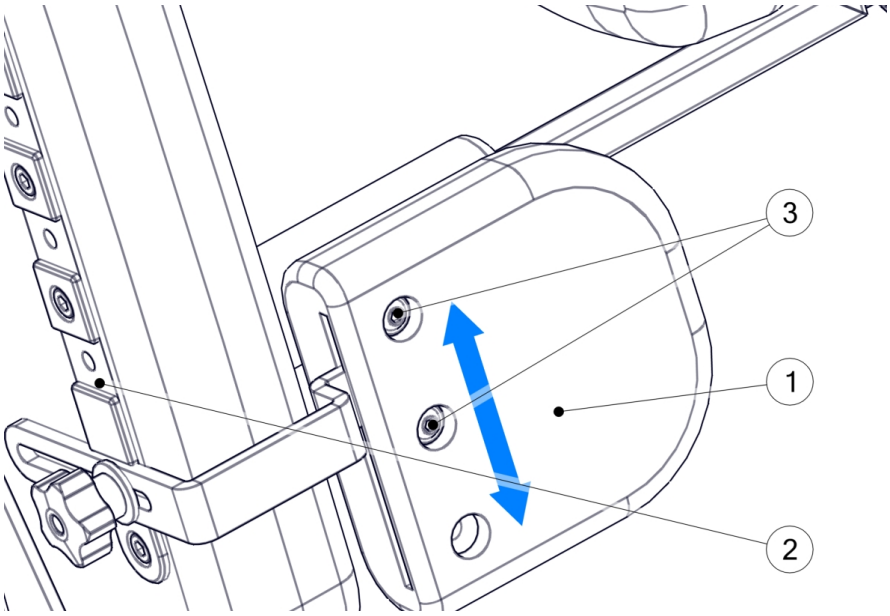

Fig. 11

10.5 Knee support

The position of knee support (Fig. 12) can be adjusted by loosening the screw (2) and the by shifting the handle of the knee support along the vertical rail. Retightening the screw (2) blocks the position of the support. Adjustment of the depth of the knee support can be done by loosening the screw (1) and then finding the proper location by shifting the arm of the knee support. We block any possibility of further movement by tightening the screw (1). It is worth remembering not to extend the arm of the knee support outside the marker indicating the position of the maximal extension. Precise setting of the width and angle of the knee support may be adjusted after loosening the screw (3) and (4). When the whole regulation process is finished, we tighten the screw and by the same we block the possibility of any movement, as far as knee support is concerned.

Adjustment procedures should be performed individually for each of the knee supports.

ATTENTION! Make sure that all regulating screws are properly tightened after each and every adjustment of the knee support. Loose elements may result in autonomous shift of the regulated elements and this may cause injuries of the patient.

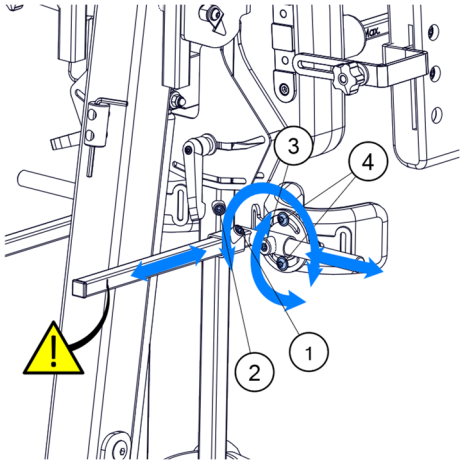

Fig. 12

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10.6 Foot platforms

Feet platforms in this stander provide the possibility to regulate their height, depth, width, as well as inclination angle of each platform. Each foot platform is regulated independently in order to ensure the most accurate adjustment as far as the requirements of the patient are concerned.

ATTENTION! When regulating the height of the feet platforms make sure that the maximum extension of the platform has not been exceeded. The maximal extension of the platform is marked with a "MAX" mark indicated on the rail. Placing the platform outside the indicated scope may result in autonomous shift of the foot platform, which in consequence can cause patient's injuries.

ATTENTION! After each regulation of the foot platform it is crucial to make sure that all regulating screws are properly tightened. Loose element may result in autonomous shift of the regulated element, which can cause patient's injuries.

10.6.1 Regulation of the height and depth of foot platforms

Foot platforms (Fig. 13) in the stander provide a complete regulation of the patient's feet. In order to adjust the height of the platform, loosen a screw (3) and then shift the corpus (1) of the foot platform along the rail. When regulating the position of the foot platform it is crucial to pay special attention not to extend the foot platform past the MAX mark. In order to block the position of the platform, tighten the screw (3) and hence block the possibility of the foot platform to move. Regulation of the depth of the foot platform is possible after loosening the screw (4), which enables shifting the arm (2) of the foot platform. Retighten the screw (4) to block the location of the foot platform. When adjusting the foot platform, make sure that the screw (4) stays in the groove guiding the arm of the platform. This guarantees the safe scope of the platform's location.

Final feet platform adjustment is possible after loosening the screws (5). Move platforms and tighten the screw (5).

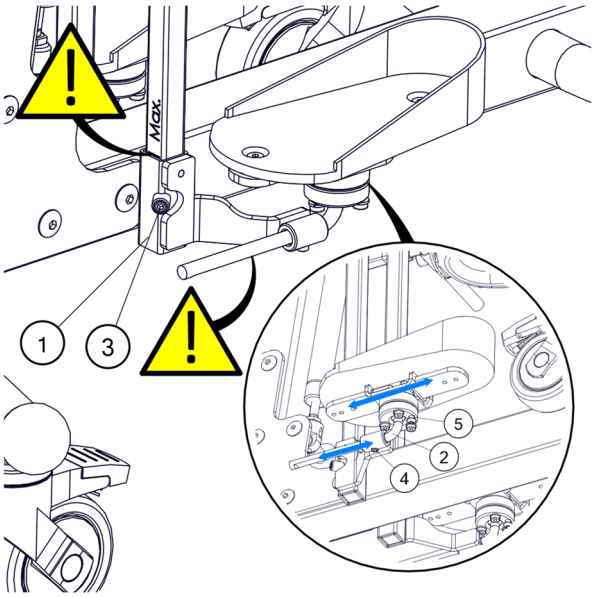


Fig. 13

10.6.2 Regulation of the inclination angle of the foot platform

In order to adjust the angle of the inclination of the foot platform (Fig. 14)(1) it is necessary to loosen the screws (2) of the platform's clamps. After setting the demanded angle, tighten the screw and hence block the rotation of the platform. This adjustment procedure should be performed independently for each of the foot platforms.

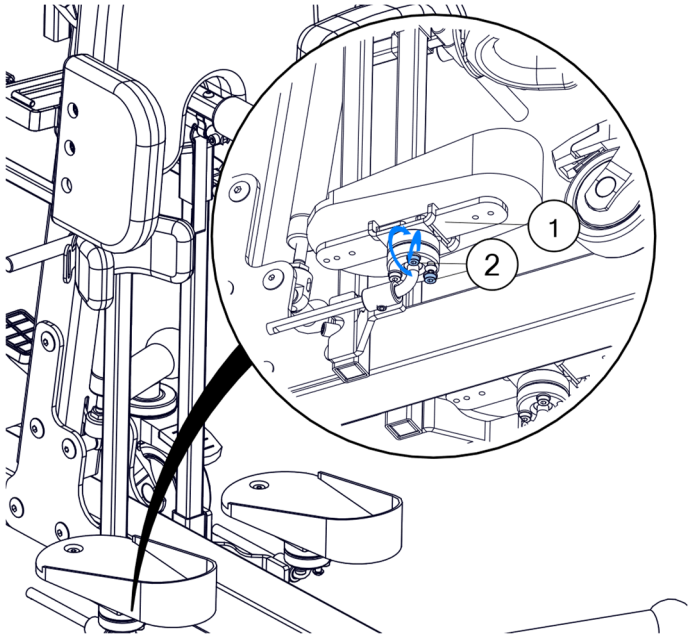


Fig. 14

10.7 Supine position

Placing the patient in the supine standing position (Fig. 15) should be performed with blocked base wheels, as to avoid accidental movement of the device, which could result in an uncontrolled change of the position and injury of the patient. Change of the position is supported with the help of a gas spring, however, during verticalization it is essential to hold the main trunk support. In order to change the angle of the supine standing position of the patient, please press the retarder pedal (1) with your foot, which releases the spring and therefore provides the possibility to perform manual adjustment to obtain the required position. When performing the regulation, it is crucial to pay particular attention to the area between the column, the main trunk support and foot support brackets. No objects can be placed in this area, as they may block the movement of the device and as a result they may even damage the device. In order to block the regulations, release the pedal (1), which blocks the gas spring and immobilises the main trunk support in the given position. The angle of the supine position can be read on an indicator (2). Indicators are placed on both sides of the device.

ATTENTION! When adjusting the angle of the supine position it is crucial to be aware of the risk and pay particular attention to the fact that hands may be trapped by the moving components.

ATTENTION! After each regulation of the angle of the supine position make sure that the gas spring is blocked, and that the position of the main trunk support does not shift autonomously.

ATTENTION! When placing the patient in a supine standing position, breaks of wheels should be blocked. Uncontrolled movement of the device may cause patient trauma or injury.

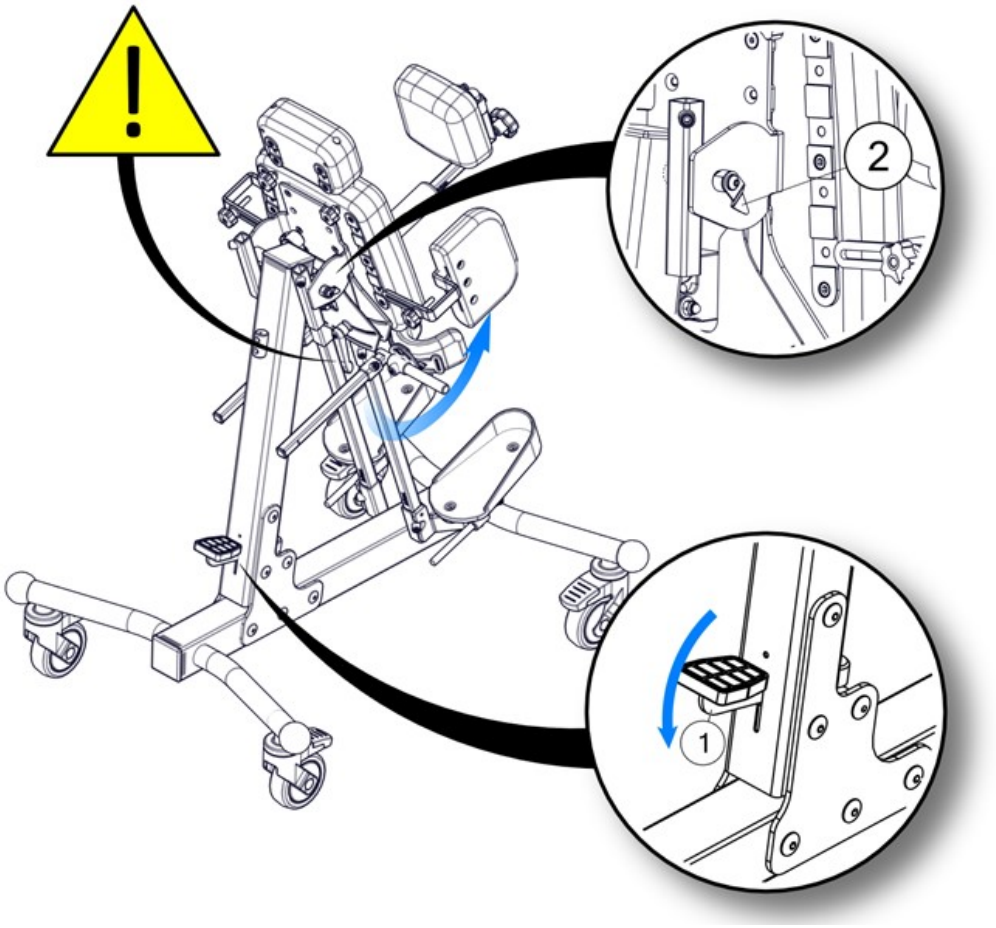


Fig. 15

10.8 Abduction

Abduction of patient's legs is adjusted independently, both on the left and the right side. Adjustment can be performed by loose a knob (1). Next deflect foot platform's brackets (2) till demanded angle is obtained. The abduction angle can be read from a front scale (3).

ATTENTION! When adjusting the angle of the supine position it is crucial to be aware of the risk and pay particular attention to the fact that hands may be trapped by the moving components.

ATTENTION! ADJUSTMENT AND REGULATION OF THE DEVICE TO MEET THE REQUIREMENTS OF AN INDIVIDUAL PATIENT MUST BE PERFORMED BY A PHYSIOTHERAPY SPECIALIST OR A TRAINED PERSON.

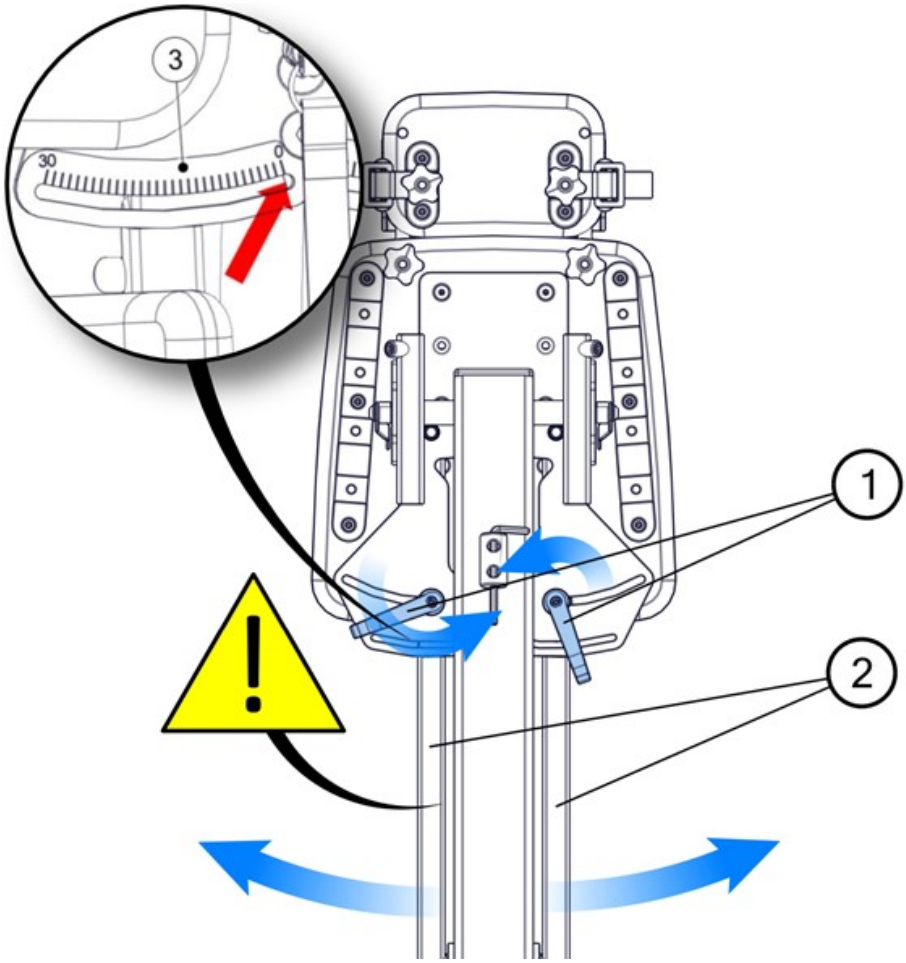


Fig. 16

11 Accessories

11.1 Foot platform with adjusted angle of the lower leg

Foot platform with the regulated angle (Fig. 17) is used interchangeably with the standard foot platform. This platform provides the possibility to locate the foot platform with the consideration of the necessity to implement flexion of the lower leg. In order to mount this foot platform, it is essential to remove the standard foot platform and the knee support set (6). Place the knee support set (6) on the seat (1) of the foot platform with adjusted lower leg angle.

After setting a desired height of the foot platform set with adjusted lower leg angle we block its position by tightening the screw (2). The knee support set (6) can be adjusted according to the description presented in chapter 7.3. Setting the position of the foot platform (7) should be performed according to the description presented in chapter 7.4.

The lower leg angle can be obtained by regulating the position of the slide corpus (3) and the slide itself (4). Place the corpus of the slide in a desired position and block it with a screw (5). Then, by extending the slide (4) we set the desired angle of the seat (1) of the foot platform, then we tighten the screw (6) and hence we block the possibility to change the angle of the foot platform.

ATTENTION! When adjusting the lower leg angle of the foot platform it is crucial to be aware of the risk and pay particular attention to the fact that hands may be trapped by the moving components.

ATTENTION! Make sure that all regulating screws are properly tightened after each and every adjustment of the lower leg angle of the foot platform. Loose elements may result in autonomous shift of the regulated elements and this may cause injuries of the patient.

ATTENTION! Adjustment and regulation of the device to meet the requirements of an individual patient must be performed by a physiotherapy specialist or a trained person.

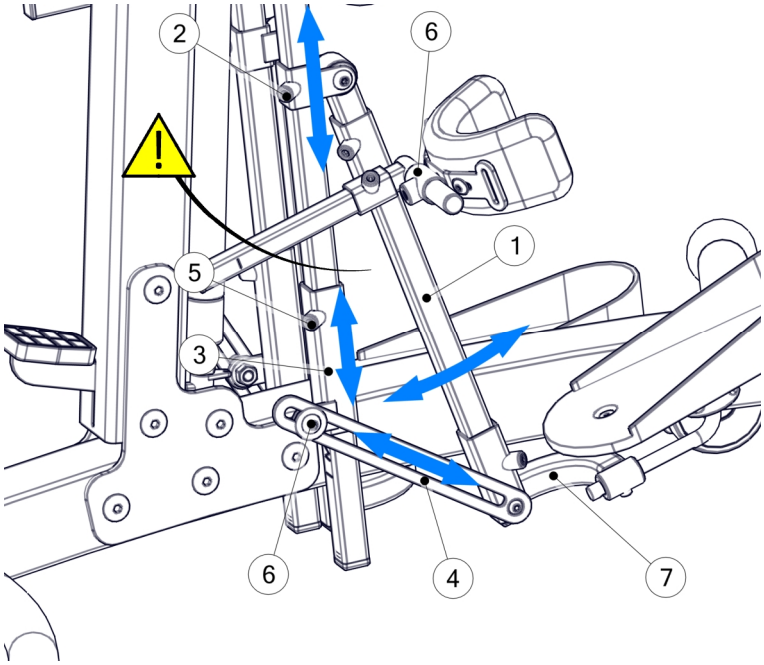


Fig. 17

11.2 Tray

In order to mount a tray (Fig. 18), it is essential to remove stoppers (1) from the rails (2) of the tray. Then slide in the profiles (3) of the tray into the rails and set the desired height of the tray (4) blocking it with screws (5).

ATTENTION! When disassembling the tray, it is crucial to secure rails of the tray with stoppers.

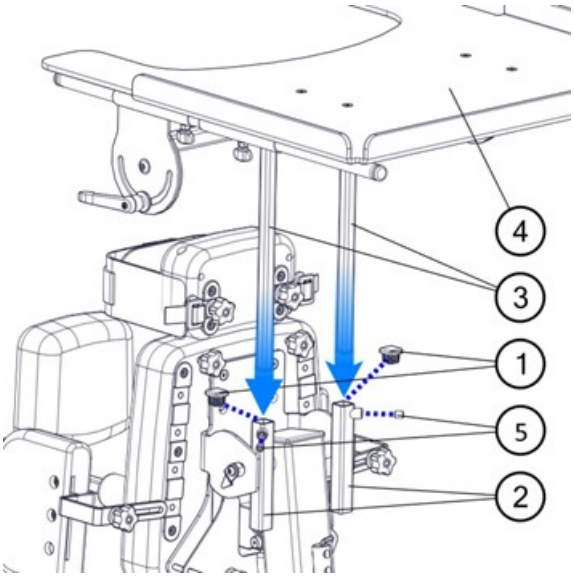


Fig. 18

In order to adjust the angle of the tray (Fig. 19), it is essential to loosen the knobs (1) on both sides of the tray (2) and then adjust the angle of the tray, retighten the knobs (1) and hence block the tray in its position.

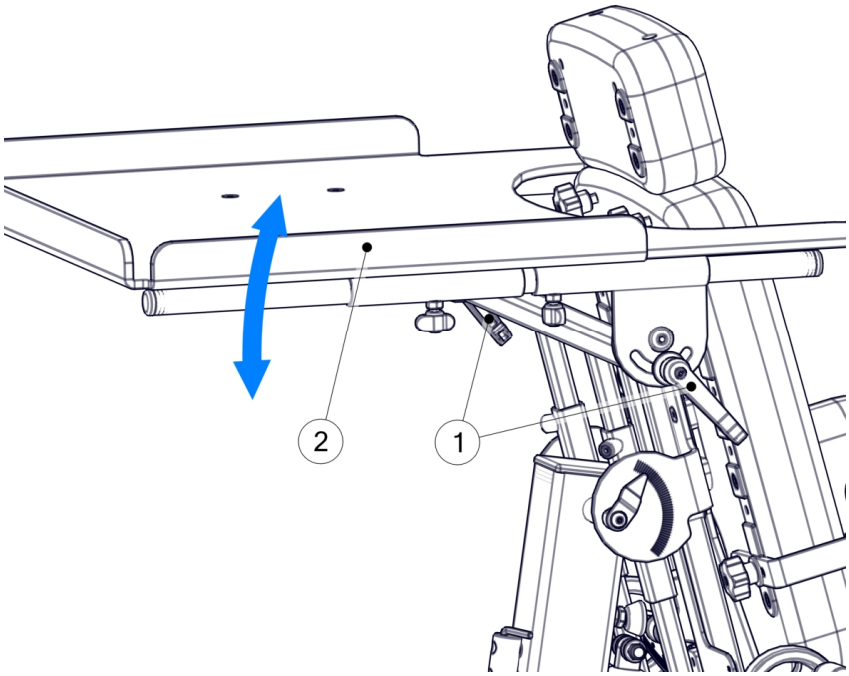


Fig. 19

The depth of the tray (1) (Fig. 20) can be adjusted by loosening screws (2) and shifting the tray along rails (3). The position of the tray can be blocked by retightening the screws (2).

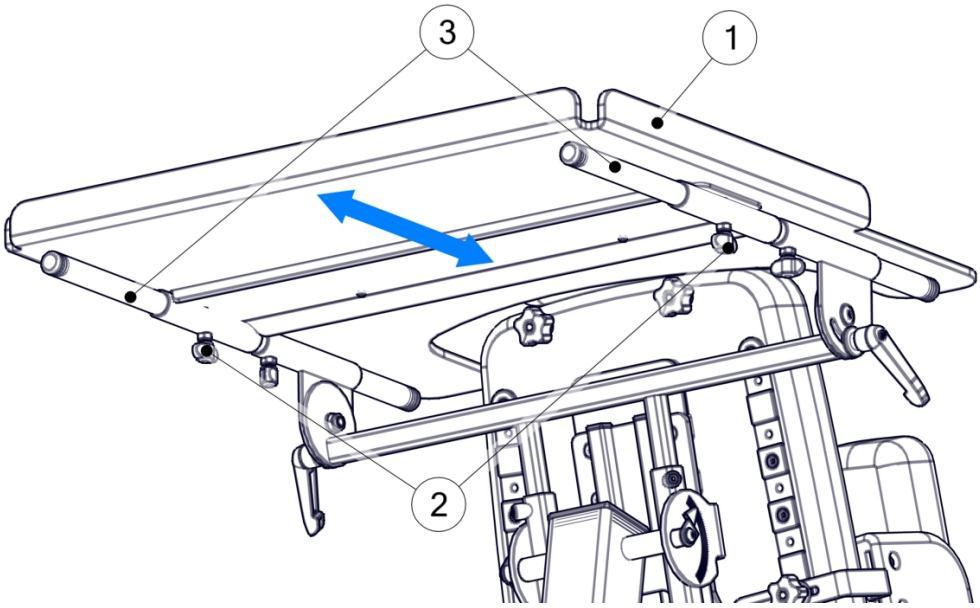


Fig. 20

Tray rails (1) provide the possibility to mount the tray both for the patient standing in a position facing the tray as well as when the patient is facing away from the tray. In order to do so, it is essential to properly adjust the position of the rails (1) of the tray by loosening screws (2) and placing the tray (3) on the other side of the device.

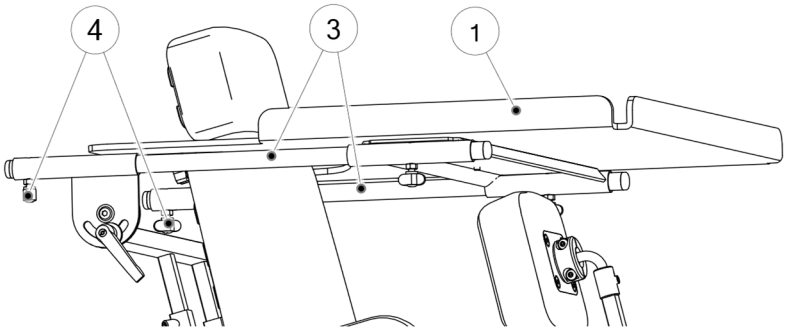


Fig. 21

11.2.1 Padding for elbows

On trays there is possibility to apply pads for elbows (Fig. 22) depend on which tray is used and how.

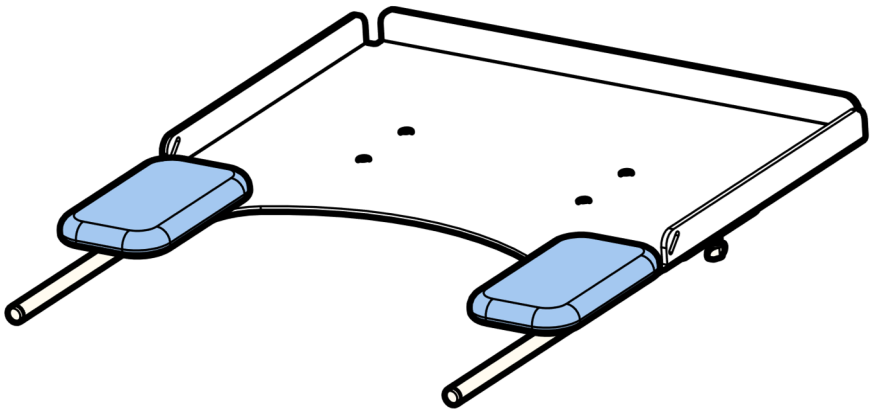


Fig. 22

Pads are mounted on a tray with Velcro (Fig. 23).

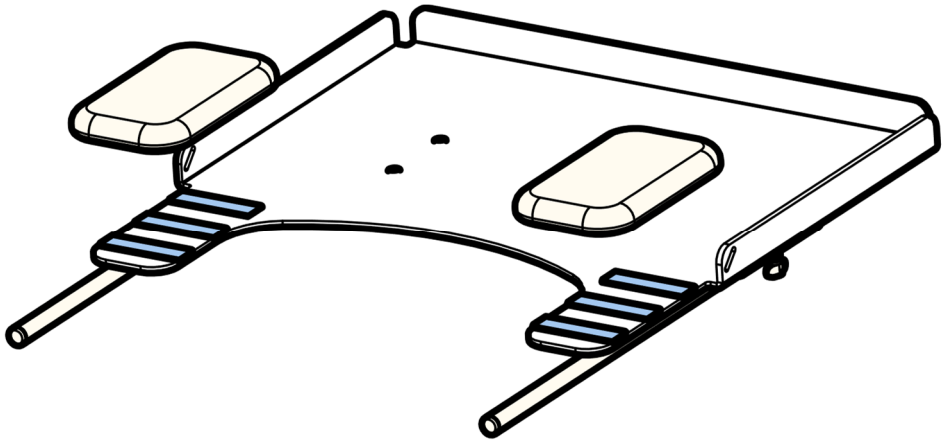


Fig. 23

On a tray that pads were never mounted pads can be applied (Fig. 24). To apply pads three strips of Velcro on each side of tray in elbow places. A set of six strips of sharpie Velcro with lengths of about 9 cm is included. After cleaning, arrange the Velcro so that it does not protrude beyond the outline of the protruding part of the table and fits within the outline of the applied padding. Then glue the Velcro in place. The Velcro has an adhesive layer secured with tape. Tear off the tape and glue the strips in the predetermined places.

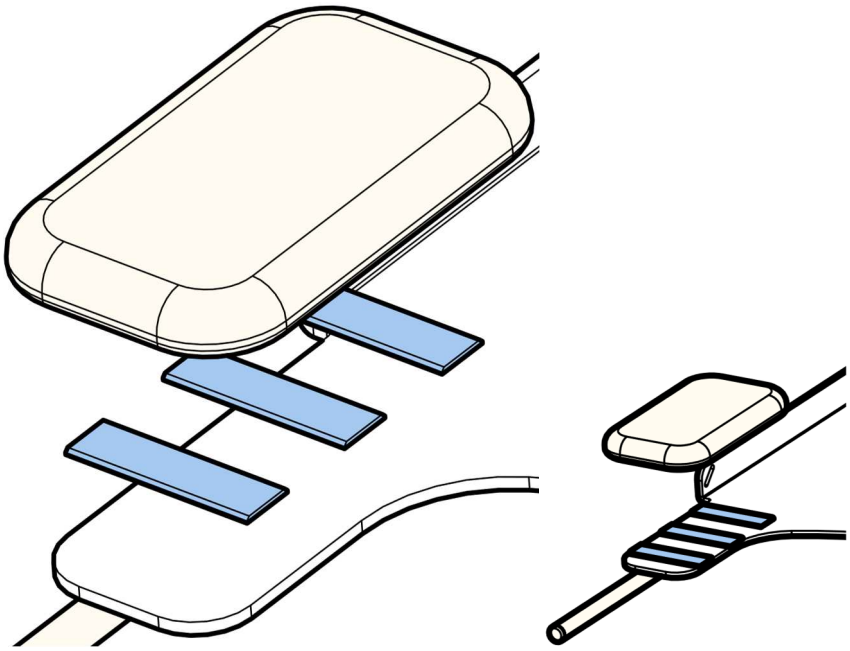


Fig. 24

11.3 Headrest

Mounting of the headrest (1) can be performed by sliding the rails (3) into holes within the extra support (2), making sure that the base of the headrest touches the extra support. Then, simply tighten the knobs (4) and hence block the possibility of extending the headrest. Vest fastening system is mounted to the headrest adapter (5).

ATTENTION! Make sure that all regulating screws are properly tightened after each and every adjustment of the headrest. Loose elements may result in autonomous shift of the regulated elements and this may cause injuries of the patient.

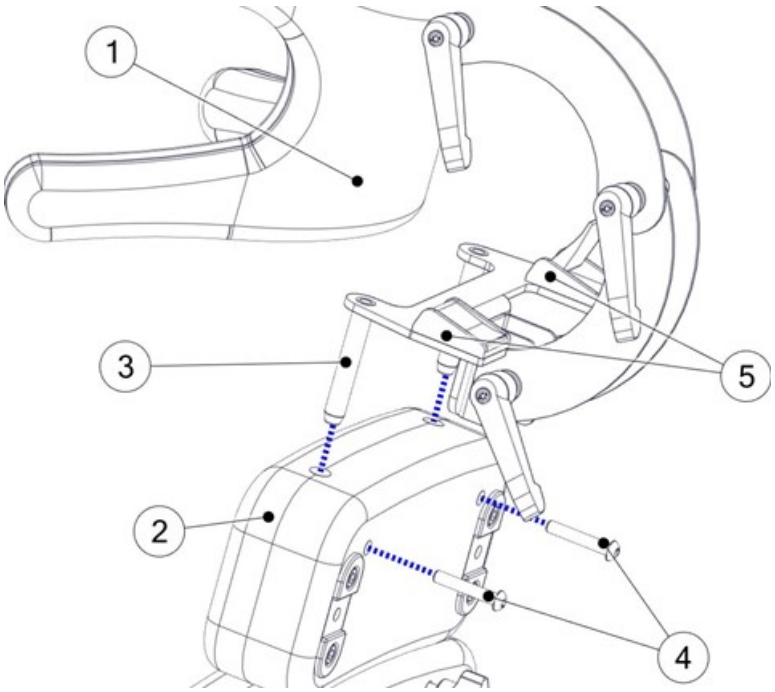


Fig. 25

In order to adjust the headrest (1) loosen the regulating knobs (2), set the headrest in the desired position and tighten the knobs (1).

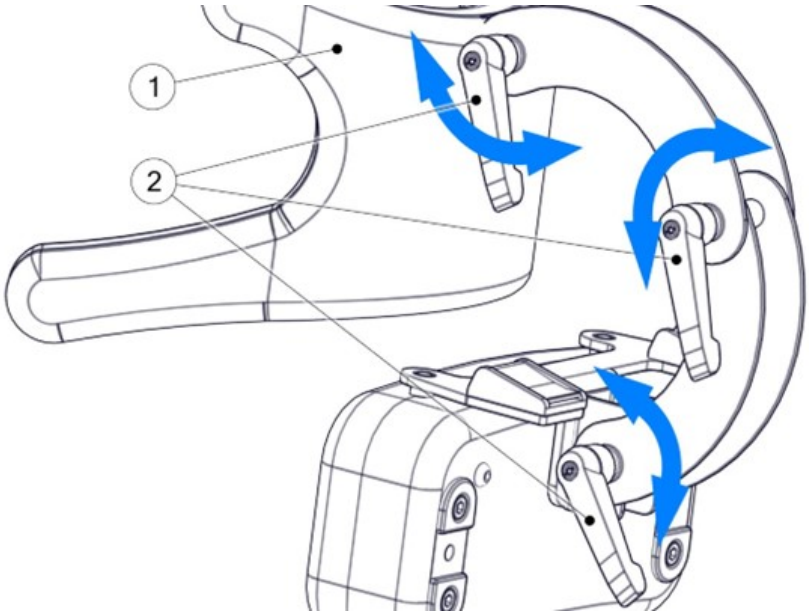


Fig. 26

11.4 Extra support

Additional extra support can be utilised to prolong the main trunk support (1). In order to mount an additional extra support (2), it is essential to disassemble the extra support (3). Place the additional extra support on the rails of the removed extra support (4) and once again place the rails of the extra support into the holes of the main trunk support. Tighten the knobs (5) in order to block the position of extra supports.

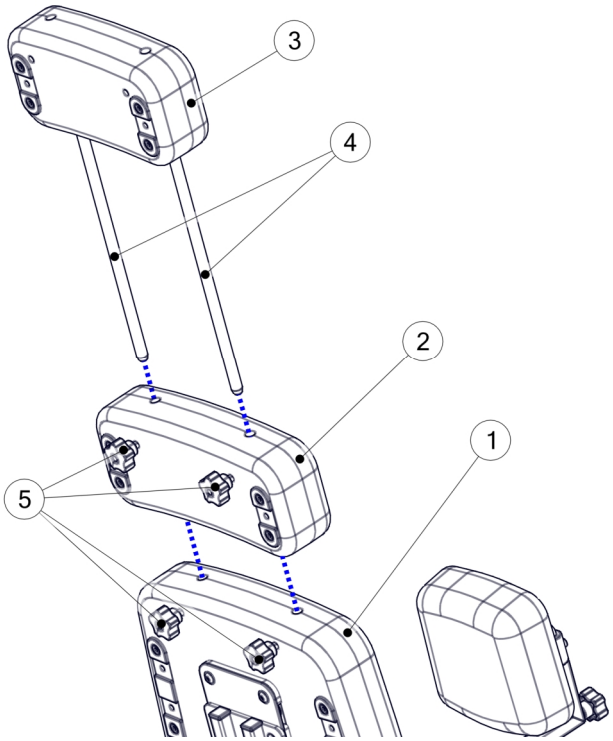


Fig. 27

11.5 Chest strap

The chest strap allows for stable patient support at chest height. To release and fasten the belt buckle (1), use the lock button (2) on the upper part of the buckle. You can mount the chest strap in any hole (4) available. Use knob (6) with spacer (5) and tighten it. The length of the chest strap can be adjusted by buckle adjuster (3).

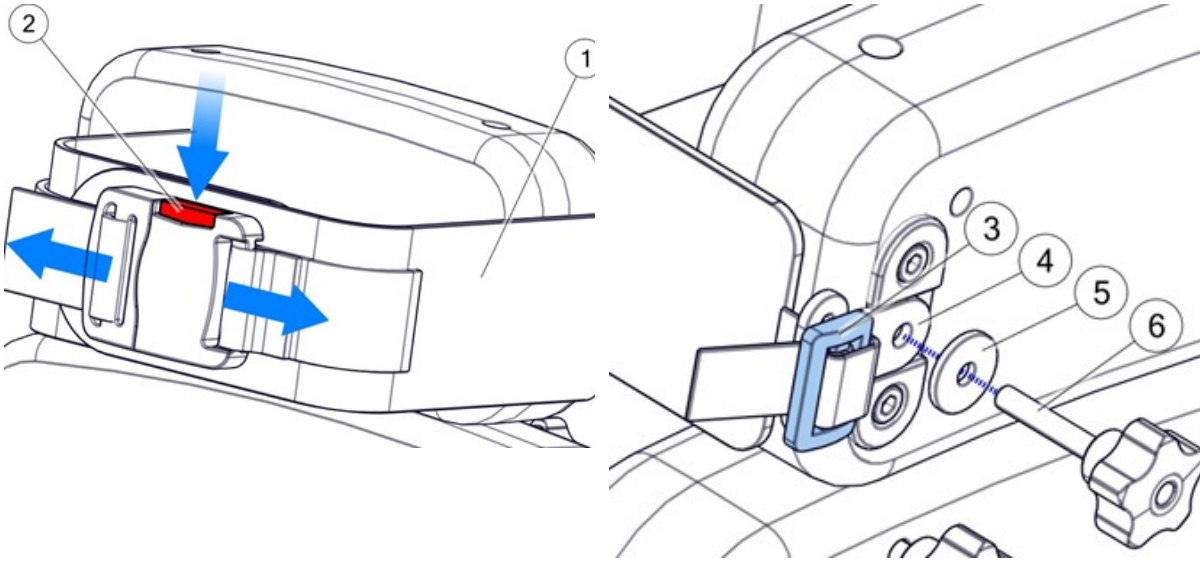
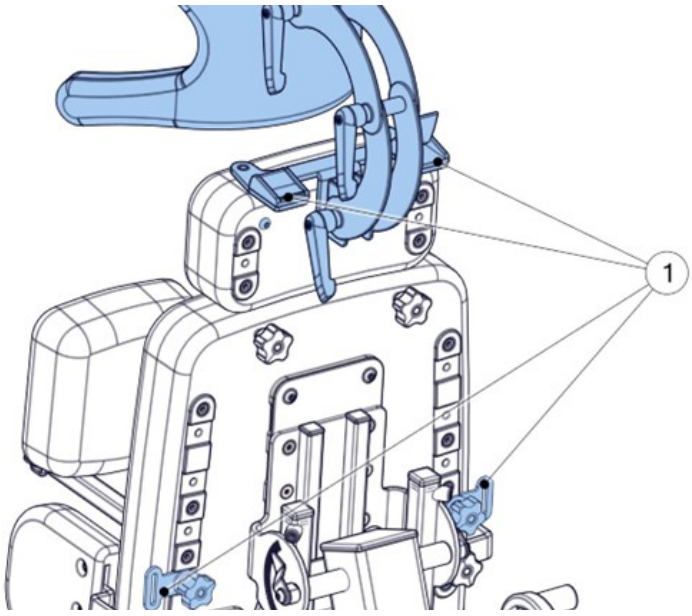


Fig. 28

11.6 Fastening the vest

Coco Stander enables fastening the vest in case of supine verticalization. Fix the vest with the brackets (1) (Rys. 29)



Rys. 29

11.7 Two-point knee pad

Coco Stander can be also equipped with a two-point knee pad. This knee pad provides knee support in two points, above and below the patella. In order to adjust the height, please loosen the screw (1) (Fig. 25), set the knee pad at the appropriate height, and then tighten the screw (1). Repeat the same procedure in case of the second knee cap.

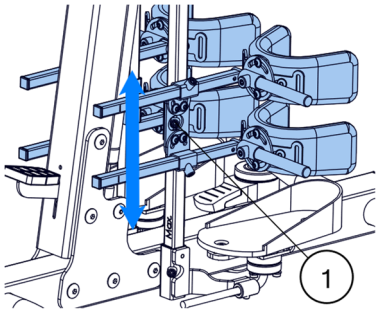


Fig. 30

In order to adjust the depth of the two-point knee cap, please loosen the screw (2) (Fig. 26), set the appropriate position, and then tighten the screw (2). In order to adjust the angle of the knee cap, loosen the screw (3), set the knee cap, and then tighten the screw (3) (Fig. 26). Repeat the same procedure for the second knee cap.

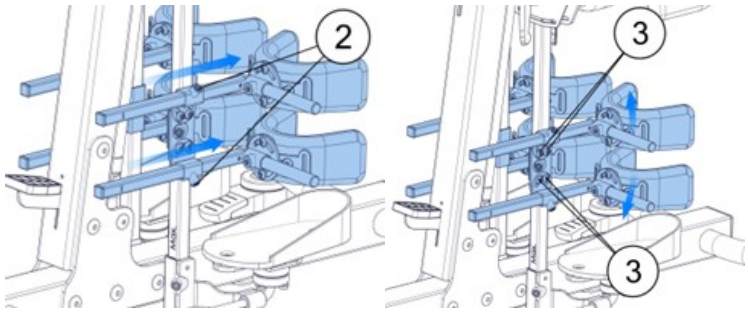


Fig. 31

11.8 Mounting the elbow pads

Elbow pads ensure stabilization of the patients' elbows in case of supine stabilization. It is possible to adjust the elbow pads both within the scope of width, as well as height. Elbow pads are mounted independently, and therefore it is possible to adjust each of the elbow pads separately. In order to set the height of the elbow pad (1), unscrew the knob (2), and then select one of the holes within the guiding rail (3). After fixing the elbow pad in the hole of the guiding rail, screw the knob (2), tightening the elbow to the guiding rail.

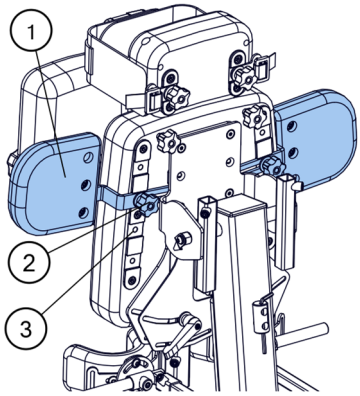


Fig. 32

11.9 3D back rotational support with pelvic supports

The 3D rotational back support can be equipped with additional hip supports (Fig. 33) to provide greater ability to stabilize the patient in the device. The hip supports of the back support have the possibility of adjusting their width and angle of abduction. To do this, loosen the screws (1), set the desired position, and then tighten them. This adjustment is carried out on both sides of the device independently of each other.

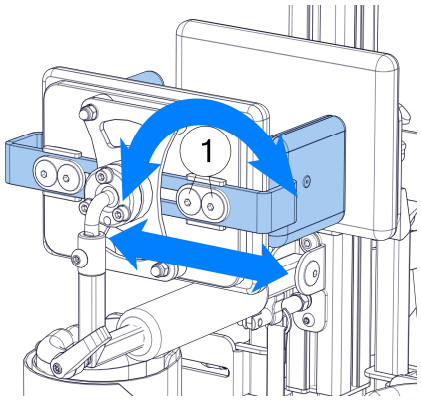


Fig. 33

12 Spare parts and consumables

The manufacturer does not provide for the replacement of components by the end customer. Repairs and replacement of components should be carried out by technically competent persons so as not to damage the equipment or pose a risk to life or health during replacement.

The equipment does not provide for the use of consumables in the sense of parts replaceable by the target customer.

Contact your distributor or the manufacturer's customer service department for replacement parts. See the warranty and service section for contact information.

13 Troubleshooting.

When the swivel wheels do not turn to turn, check that the swivel lock is not active.

When the swivel-wheel unit has difficulty moving, check that the wheels are not blocked by intermediate components or pedals blocking rotation or turning.

Adjustments are described in the use and adjustment section.

14 Cleaning, maintenance and transportation

LORI Stander is a mechanical device with a supporting structure made of steel and aluminum covered with a powder coating. A sponge-foam insert is attached to the metal structure and fitted with a cover made of textile fabrics.

The LORI stander, like any medical device, should be kept clean and used according to the manufacturer's recommendations.

All surfaces should be wiped with a damp, soft cloth. For heavier soiling, the use of mild household cleaning products is acceptable.

14.1 Carrying of the device

Two people are required to move the COCO device (Fig. 34). The device should be grasped with both hands by the frame, lifted up evenly, and then moved to the target location. If the ground permits, the casters installed in the device allow the unit to be rolled.

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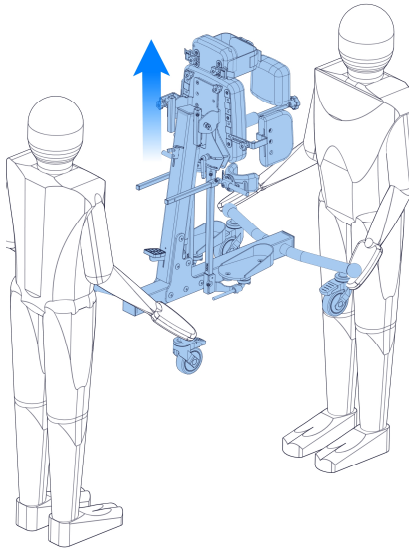

Fig. 34

ATTENTION! IT IS NOT PERMITTED TO CARRY THE DEVICE WHILE PATIENT USE THE DEVICE.

ATTENTION!: THE DEVICE IS NOT WATERPROOF. DO NOT ALLOW THE DEVICE TO COME INTO DIRECT CONTACT WITH WATER. USE THE DEVICE INDOORS AT ROOM TEMPERATURE. DO NOT EXPOSE THE DEVICE TO DIRECT CONTACT WITH ATMOSPHERIC AGENTS.

The product is intended for use in buildings.
For the necessary dimensions and weights of the unit for handling and transport, please refer to the technical data section.
Do not transport people in the unit in a motor vehicle such as a car, ship or aircraft.
Transport, handling and storage are best carried out on an empty folded product so that no damage is caused to the product, to third parties or to the transporting vehicle.
How to assemble the unit and how to remove components, if necessary, is discussed in the Use and adjustment chapter.

The manufacturer does not provide for repackaging of the product except in cases of service. It is recommended to keep the original packaging for warranty purposes. The appliance should be packed in such a way that no additional damage to the product occurs during transport by the supplier/courier.

ATTENTION! DURING USE, THE PRODUCT MAY CHANGE THE TEMPERATURE OF THE PATIENT/USER INTERFACE DEPENDING ON THE EXTERNAL HEAT SOURCES TO WHICH IT HAS BEEN EXPOSED (E.G. SUNLIGHT)

The manufacturer does not provide for repackaging of the product except in cases of service. It is recommended to keep the original packaging for warranty purposes. The appliance should be packed in such a way that no additional damage to the product occurs during transport by the supplier/courier.

ATTENTION! THE DEVICE CAN BE STORED/TRANSPORTED AND USED AT TEMPERATURES BETWEEN +16°C AND +30°C AND RELATIVE HUMIDITY BETWEEN 10% AND 60%; HOWEVER, IT IS RECOMMENDED THAT THE DEVICE IS STORED/TRANSPORTED AT ROOM TEMPERATURE AND HUMIDITY.

IF THE DEVICE HAS BEEN STORED/TRANSPORTED IN HIGH AMBIENT TEMPERATURES AND HAS BEEN EXPOSED TO DIRECT SUNLIGHT, ENSURE THAT THE DEVICE IS AT A SAFE TEMPERATURE FOR USE, I.E. THE CARER SHOULD CHECK THAT THE TEMPERATURE OF THE DEVICE IS NOT TOO HIGH BEFORE THE USER HAS ANY CONTACT WITH THE DEVICE.

14.2 Cleaning and maintenance recommendations

Cleaning should be carried out whenever the appliance has been excessively soiled. Clean the appliance with such frequency that the upholstered parts and the frame and other parts of the appliance are not hazardous to health.

- Clean paint coatings with a cloth dampened with water. The use of mild agents for cleaning household appliances is allowed.
- You should systematically look after the frame, remove dirt and mud from moving parts.
- Do not use aggressive cleaning agents. Possible corrosion or damage to paintwork.

Guidelines for washing velour fabric upholstery:

- Remove the foam inserts from the covers before washing.
- Wash the covers by hand or in a washing machine (tumble) at 30°C.
- Use detergent for delicate products in the amounts specified on the package.
- For children prone to allergies, use gray soap or special detergents.
- To remove excess water - use a short spin cycle, do not wring.
- Drying - hang to dry at room temperature. DO NOT TUMBLE DRY.

ATTENTION! WHILE WASHING THE UPHOLSTERY COVERS, PARTICULAR ATTENTION SHOULD BE PAID TO THE VELCRO FASTENERS. TO PREVENT ANY DAMAGE TO THE UPHOLSTERY, ENSURE THE VELCRO FASTENERS ARE FASTENED DURING THE WASHING AND THAT THEY DO NOT COME IN TO CONTACT WITH THE UPHOLSTERY.

ATTENTION! DO NOT WASH THE FOAM INSERTS.

The foam insert:

- Should be vacuumed mechanically or cleaned using a soft-bristled brush.
- Can be washed with a damp cloth and a mild detergent, then dried thoroughly at room temperature.

14.3 Disinfection

If the device is used by different people (e.g. in a rehabilitation center), disinfectants should be applied. For manual disinfection of metal and plastic parts of the product, INCIDIN PLUS in a concentration of 0.25% to 0.5% or similar disinfectant is recommended.

Please follow the manufacturer's instructions for use of the disinfectant.

14.4 Recommendations for maintenance

Device should undergo regular inspections and maintenance activities listed in the table below to ensure long-lasting and trouble-free operation. If the user is unable to perform the following activities independently, they should seek assistance from a specialized medical equipment service center or contact the manufacturer's service directly. These activities are not covered under the current warranty and are performed at a cost.

Activity	Every day	Every week	Every month
Check the proper functioning of the wheel brakes	X		
Check the proper functioning of verticalization system	X		
Check the proper functioning of leg retraction mechanism	X		
Check the fastening of the vest, abduction belts, and pelvic belts	X		
Check for leaks around the gas spring		X	
Visual inspection of structural elements (damage, cracks)		X	
Check screw connections (eliminate any looseness)		X	
Check the attachment of the footrests		X	
Visual inspection of the wheels			X

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15 Disposal of the product

If the user resigns from using the product, then he is obliged to dispose of the product in line with the environmental regulations. He is obliged to disinfect the device, since the product which has not been disinfected in line with the environmental protection laws is hazardous.

Disposal of the product may be:

- Carried out by a company which is in possession of the credentials required to dispose of the devices.
- In case the product is scrapped, the plastic elements shall be disposed of separately from the metal ones, in line with the requirements.
- Should any questions arise, one should address them to the local authorities, waste disposal companies or to our maintenance department.

16 Warranty/Service

If any defects or damage are noticed, stop using the device immediately and contact the seller or manufacturer. Protect a defective device to prevent the damaged area from expanding. Do not attempt to repair the unit yourself. Do not replace the original parts of the device with parts made by yourself or obtained from other sources than recommended by the manufacturer.

- If the user decides to discontinue the operation of the device, he is obliged to dispose of it in accordance with environmental regulations.
- The manufacturer determines the product life to be 5 years.
- The post-warranty service of the device is performed by the manufacturer.

Contact details of the service department:
LIW Care Technology Sp. z o.o.
ul. Golfowa 7
94-406 Łódź, Poland
www.liwcare.pl
e-mail: reklamacje@liwcare.pl
tel. : +48 42 212 35 18

- Current address details are available at www.liwcare.pl.
- Terms of the warranty have been specified in the warranty card.

LIWCARE.PL